

THE SCOPE

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THE SCOPE



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Boston, Massachusetts*

The "Other Hands"

When the first prescription you write passes out of your hands and on to its mechanical production you will want to know that the "other hands" which complete the job will do their work promptly and well.

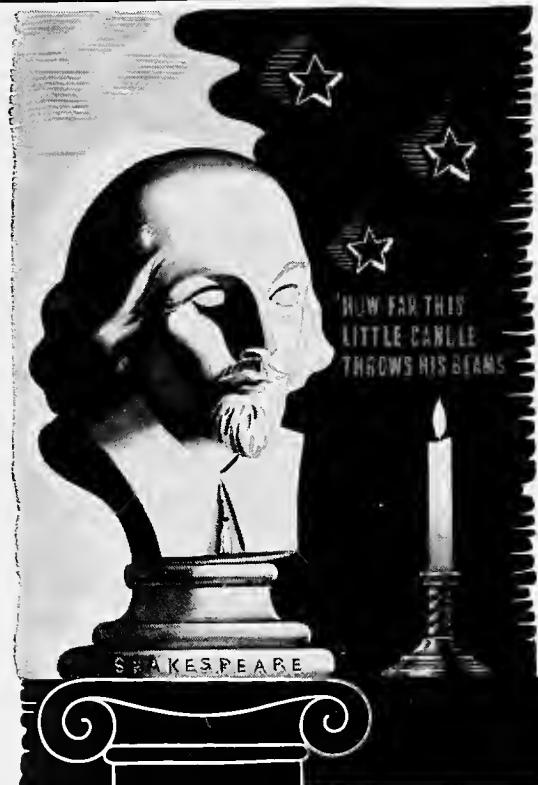
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THE SCOPE

Presents

OPTOMETRY IN ENGLAND

by Eric Bateman, F. B. O. A. (Hons.)

Sussex, England

The Editor-in-Chief of "The Scope" has kindly honoured me with an invitation to "say something" to the students of the Massachusetts School of Optometry. I should perhaps commence by explaining my own qualifications for that honour.

In England, I am, I suppose, one of the "younger and progressive" school. I obtained my training and education in optometry contemporaneously with my friends L. A. Swann, L. Tranter, G. Giles and others. I am young enough to still have my professional ideals, and experienced enough to realize the enormous difficulties the new profession is up against in a practical sense. Of one thing I am certain; the young optometrist who wants to get on must aim at starting on his own or with a partner. He will then be enabled to develop freely his personality and individuality — so necessary in these days of materialism and big business. In England, of all countries, tradition dies hard, and the professional and middle classes have a struggle indeed to "change" anything in the social order. I feel, therefore, that we over here have an even harder fight than you in the United States on this particular account. I am convinced however, that the battle will be quite half won by settling the educational courses at an even higher standard.

We have precisely the same problems as you have — commercialism and multiple stores — some of us recently considered

these things and decided that we would break away to the extent of forming and supporting a new society — the Society of Oculists. We made it quite clear that we considered that there was, at present, no such person as an "oculist". The eye physician is limited by his profound ignorance of refraction and orthoptics, and the optometrist in turn is limited because he has built his specialty on too narrow a medical foundation. We aim to produce a man who, after the requisite training can be called an oculist; this will not be yet awhile — we have no illusions about that. In the meantime we are "associates" of this Society but of course, we say nothing about it to the public. In the meantime the members of my "school" are remaining within the various accredited optical organizations and form a kind of "Radical wing" — and believe me, "we sure get things done!" (as you would say).

The London Refraction Hospital, founded in 1923, has proved to be a source of inspiration to the post-war generation. Its foundation was due largely to the foresight of Dr. James Forrest and the late Owen Aves. Students from all over Europe and our Empire have taken courses there. It is an amazing place for developing a keen sorrow for suffering humanity and incidentally for developing a professional outlook, so necessary for success today. The first public clinic in this country was established by the late Dr. Max Coque some

(please turn to page fifteen)

WANTED - A COMPASS

by G. Henry Aronsfeld, Opt. D., D. O. S.
Houston, Texas

PART II.

(An answer to Doctors Harris Gruman of Lebanon, Pa., and Samuel H. Robinson of Prescott, Arizona.)

The Editor of "The Scope" has sent me Dr. Gruman's and Dr. Robinson's comments which appear, I believe, in the November issue and are in reply to my article 'Wanted — A Compass', which appeared in the October 1937 issue of "The Scope".

Let us take Dr. Gruman's article first. He calls it "Wanted—A New Compass" and I shall take time to reply to only a few of his observations.

In the first place, Dr. Gruman would have his readers believe that I think Optometry a closed book and one to which no more pages can or should be added. Nothing is further from the facts in the case. I hope and pray that Optometry may develop and expand but I want this expansion to be sane, safe, orderly and legal and I insist that we must show the same consideration to other professions that we expect them, in turn, to show to us. It is a principle of law that "he who comes into court seeking equity must do equity and must come into court with clean hands". We resent and shall oppose other professions invading our field. I hope to see the day and shall work to the end that no one who has not qualified on the basis of the equivalent of an Optometric license shall have any rights in the field of Optometry. I also hope that Optometrists will not weaken their position and make it untenable by posing as something which they are not and thus failing to do equity.

Certainly, medicine has expanded and so long as this expansion is in medicine I shall do everything in my power to help them. It is when they attempt to invade Optometry that a conflict with our group is bound to

ensure and I believe that victory is sure to rest upon our banners, in the end, because "thrice armed is he who hath his quarrel just".

To refer to the expansion of osteopathy is ludicrous. Osteopathy has expanded so far that it is dying very rapidly. Many osteopaths have licenses which permit them to practice any kind of medicine and for that reason their colleges are getting fewer and fewer and certain irregulars, according to the laws of some States, are fast eliminating them from the picture. No one can ever judge how much harm they did to their group by swallowing "bait, hook and sinker" that hoax of a few years ago entitled, E.R.A. or the "ELECTRONIC REACTIONS OF ABRAMS". The little box which was presumed to do so much was found to be of value mainly in the income which it produced for its promoter. Why then should Optometrists listen to glib high pressure salesmen who desire to sell us instruments to cure all disorders such as thyroid, pituitary, adrenal and other disturbances and who offer us a treat by assuring us that "the first treatment" shows marvelous results and that we can now hear the beating of the heart of a foetus in its mother's womb and can detect the changes in its circulation after the use of their new and expensive gadget.

Dr. Gruman is unkind, although I am sure that he does not mean to be when he says, "On the contrary time has proven the so-called 'exempts' the pillar and backbone of the profession. Dr. Aronsfeld himself, if I mistaken not, is an example of the fine type man many of these old timers were." I appreciate Dr. Gruman's kindly references but the word "exempts" makes me rise in my own defense. My Texas license, No. 4, was issued without an

examination because I was appointed to the first Board, created by the Texas Law, and only retired on August 10 of this year. The Texas Law was not passed until 1921. In 1917, I took the New Jersey State Board and was fortunate enough to lead the class of eight, most of whom were recent graduates. I treasure the letter from Dr. L. A. Rochat to that effect. My New Jersey license, No. 707, is still in force and effect.

In 1923, I took the California examination and a few days later received a letter from the then Secretary, Dr. T. A. Brombach, in which he says, "Good news for you, about fifteen to twenty will pass out of one hundred and ten. You are one of the leaders." My California license, No. 1678, is also in full force and effect.

Dr. Gruman takes me to task for stating, "The diagnosis and treatment of disease should be limited to those who are qualified", because our opponents formerly argued, "ophthalmoscopy and refraction should be limited only to those who are qualified." Both statements are logical and unimpeachable.

Optometrists are or should be qualified in ophthalmoscopy and refraction and now have full rights in this field. If they ever become qualified in the diagnosis and treatment of disease, they will then be physicians and should practice as such, under the laws of the respective States, and they will then be subject to the Medical Practice Acts and not to Optometry Laws.

Let us now briefly consider "A Reply" by Dr. Robinson.

He says, "1. Optometry has been pilloried by optical racketeers for so long a time that the public looks upon it irrevocably as a shady, quasi-professional practice. What have our defenders, — of an optometry—not-to-be-disturbed, — done about this, up-to-date?"

I maintain with all the power of my being that the greatest racketeers in the field of Optometry and those who do us the most harm are the ones who are glibly urging our men to venture into lines of endeavor

for which they have neither the educational training nor the legal qualifications. The pity is that so many of our men listen to the siren song of those who have something to sell, either in education or in instruments, and only too often, when the awakening comes, they put their blame not where it belongs on their own gullibility but upon Optometry and wail from the house-tops about the short-comings of our profession. Let us remember that "IT IS NOT THE JOB WHICH MAKES THE MAN BUT THE MAN WHICH MAKES THE JOB".

The progress of Optometry would have been far greater if thoughtful leadership had insisted on a type of progress which would have merited the respect of educators, journalists and other professionals. Instead of this we have seen only too often our leaders, real and so-called, wander off into uncharted paths both to our detriment and to our chagrin.

When all is said and done we should heed the admonition of Pope when he says,

"A little learning is a dangerous thing;
Drink deep, or taste not the Pierian
spring;
Their shallow draughts intoxicate the
brain,

And drinking largely sobers us again."

In concluding, I want to say that the views expressed by these two eminent Optometrists, who have as much right to their opinion as I have to my own, convince me that my article should not have been headed, "WANTED—A COMPASS", but that instead it should have been called, "A COMPASS IS BADLY NEEDED NOT ALONE TO GUIDE THE STUDENTS BUT TO ENABLE SOME OF OUR OLDER PRACTITIONERS TO AGAIN FIND THE WAY WHICH THEY HAVE LOST".

Mankind has a great aversion to intellectual labor, but, even supposing knowledge to be easily attainable, more people would be content to be ignorant than would take even a little trouble to acquire it...

—Johnson

LOOKING FORWARD

by Leslie B. Stuart '38

The time is now approaching when the senior class of this and other optometrical schools must cast a more or less forlorned look to the future. At the present our chosen profession is receiving "knocks" from all quarters. These "knocks" are coming not only from professional contemporaries, but also from those who have no idea what optometry is or with what it deals. It is the duty of these men and women who are just entering this field to do their best to lift this veil which has been laid down upon us. Ours is not the only profession which has passed, or is passing through this knocking period.

Some of the students of this and other schools throughout the country have entered into this specialized field with the "get-rich-quick" idea in their heads. If there is any majority at all with this sole motive how can we expect any high profession to regard us on their same level? It is this type of practitioner which lowers the morale and integrity of the ethical Optometrists. Some thought must be given not only to our best welfare but also to the welfare and standing of our patients. True, one cannot practice in any profession on an empty stomach and an empty pocket.

We who are to be graduated soon should and must try to make a contact with an ethical optometrical establishment or practitioner who is willing to aid us. When this contact is made we can make a study of his methods and professional conduct so that we may pattern a future practice of our own on similar or even identical lines. It is true that some of us may find this contact impossible and thus attempt to obtain what help we can from whatever source is willing to lend a hand. Do not be discouraged at this; take whatever op-

portunity faces you and use it to your best advantage.

We are now completing a course of study which has taken a few years of hard work and has left a hole in many a bank roll, or even left some in debt. Our first idea, naturally, is to rebuild and replenish that bank supply, or start making payment to fulfill our debts. One cannot expect to repay three or four years of hard and tedious schooling after being in the field for a year or two. It will take years to build up a successful self-sustaining profession. Some may be fortunate to find the reins of a flourishing practice thrust into their groping hands. Others will not be so fortunate and may even fall into that rut where many still lie. These unfortunates should not be content to remain in that rut. There is a way of getting in, and there must be a way out somehow or somewhere.

Let us bear in mind the pitfalls and ruts ahead of us as well as the more optimistic future and thus steer our ship with care.

To some, this article may seem to possess a pessimistic outlook. The writer is not trying to daunt any of our future optometrists but is merely attempting to paint the picture which seems to be that which we will all be facing soon. It is always good to look on the bright side of an undertaking, but it is better to consider the outlook on both sides which will thus enable us to plan accordingly.

Overheard:

He: "Darling — you have the most gorgeous green eyes."

She: "Oh, that's the iris (Irish) in me."

—M. WOLFF '39

SPORT EYELIGHTS

by Maynard Rosen '38

In a game packed with thrills and excitement, the M. S. O. basketball team, on the night of December 14, 1937, came from behind with such a powerful surge of basketball shooting that they ran rough-shod over their opponents, the Roxbury Boy's Club, on the latters court. This victory was sweet revenge for the 73 to 20 defeat administered to M. S. O. by R. B. C. last season.

The game was played on fairly even terms throughout the first half; but in the major part of the second half our opponents piled up a lead which virtually assured them of victory. M. S. O. then began to "click" with Green, Wolfson and Friedman shooting 10 points between them. This display of strength brought our team to the front where they were when the final whistle blew.

M. S. O.	G. F. P.	R. B. C.	G. F. P.
Wolfson, r. f.	3 0 6	Daley, r. f.	4 1 9
Levandoski, l. f.	2 0 4	Kelley, l. f.	5 0 10
Green, c.	4 0 8	Tagerman, c.	2 0 4
Friedman, r. g.	7 0 14	Gittens, r. g.	0 1 1
Ahern, l. g.	0 0 0	Koucher, l. g.	2 3 7
Fradkin, c.	0 1 1		
Totals	16 1 33	Totals	13 5 31

Coach Friedman, the team's spark-plug and Ted Levandoski worked together par excellence. We wish to take this opportunity to thank Dr. Namias for the incentive given these boys — they fought hard for it. Green, another veteran, played his usual good game, fighting all the time.

Wolfson, and Ahern, a couple of newcomers, certainly spruced up the team. And we hope they stay with us. Although the score board showed little for Ahern, he's really a five star guard.

M. S. O. actually had a cheering section present at the game. Ossen, Wentzell, Grossman and Parmett were the cheerleaders. When R. B. C. was shooting the M. S. O.er's would scream "eso, exo" and

shout "ortho, iso" when we shot. They even had that Penn girl cheering along with us. Incidentally "Brud" Wentzell certainly kept her busy while her supposed escort was on the court fighting out his heart.

Managership of the M. S. O. quintet has recently changed hands. Maury Ossen being too busy with other activities found he couldn't devote enough time to the team so relinquished his job to Harvey Rosenthal '39. We wish you luck Harvey and will be at your beck and call if you ever need assistance.

Remember the team practices at the YMCA every Tuesday and Thursday. If you can play basketball you will be welcomed.

As the next game comes before the next issue of the "Scope", I hope to see you all there.

Best Wishes

The year would not be complete without an expression of gratitude for the friendly relations existing between us. It is indeed a pleasure to extend to you our best wishes for A Prosperous New Year.

**WILSON & HALFORD
OPTICAL COMPANY**

387 Washington Street
Boston, Mass.

THRU THE EDITOR'S EYES

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EFFECTIVE EDUCATION

The three tests of effective education are service, usefulness, and obedience. Without these three requisites one cannot travel far successfully.

Obedience and respect for authority must be taught in the home to become a habit. It appears to be an unpopular test with the youth of today.

A young person should be worth something when he has finished school today, not only to himself but to others. Toil should lay the foundation of character. Overstudy has not broken down as many lives of students as one is led to believe. Late hours and undesirable company heads the list.

Rendering a kindness to one less fortunate does not detract even in a small measure from one's popularity. To the contrary, it attracts individuals possessing the same sterling quality.

Education gives man a clear, conscious view of his own opinions and judgments, a truth in developing them, an eloquence in expressing them, and a force in urging them.

He should be at home in any society; he should know when to speak and when to be silent; he should be able to ask a question pertinently and gain a lesson seasonably when he has nothing to impart himself; he has a gift which should serve him in public, and support him in retirement.

Education is a companion which no misfortune can decrease, no crime destroy, no enemy alienate, no despotism enslave; at home a friend, abroad an introduction, in solitude a solace, in society an ornament. It guides virtue and gives grace and government to genius. Education may cost financial sacrifice and mental pain, but in both money and life values it will repay every cost one hundred fold.

BON MOTS

As the soil, however rich it may be, cannot be productive without culture, so the mind without cultivation can never produce good fruit....

* * * *

The resources of the scholar are proportioned to his confidence in the attributes of the intellect...

—Emerson

* * * *

A teacher who is attempting to teach without inspiring the pupil with a desire to learn is hammering on cold stone...

—Horace Mann

EYE, EYE, SUH!

by Maury Ossen '38

EYE-O AGAIN —

We are certainly a disappointed would-be Columnist For up to the present time we haven't received a single manuscript entering the contest inaugurated last month Nevertheless the story shall be completed and will appear in one of the two issues following this one So until then we'll fire away with interesting facts, personal viewpoints and what have you

From page four of a 1932 "Scope": "Foster Namias must be studying quite a bit lately. Ye Scribe saw him with two dark bags under his eyes the other day."

Sorry we were unable to get the Rx:— The first pair of glasses to set upon a nose in the vicinity of the North Pole were those worn by Admiral Peary on his expedition in 1908.

Promoters of the "Examinself at home" scheme have made between five and ten million dollars from their P. T. Barnum variety of clients.

One eminent psychologist puts forth the claim that we derive our greatest enjoyment from smoking by seeing the smoke as it makes its hasty departure from our mouths. In fact if you close your eyes you are supposed to lose three-fourths of the pleasure. (We enjoy smoking much more with the eyes closed—the faculty's eyes).

A mad bull always closes his eyes when rushing at his object of wrath, which makes it easy for a person to dodge. (We'll still try to outrun him).

A tip to the fair ladies about eye shadows (this is not about skiametry): If you are a brunette, you'll look well in blues, black, and violet. If a blonde use greys, greens, and browns. (You're welcome.)

This month's wisdomism: She's the kind of a girl who seems to be wearing an exclamation point in her eyes at all times.

The eyes of the stars: Jeanette McDonald, Nelson Eddy, and Brian Aherne have blue eyes. The three cowboy stars—Hoot Gibson, Ken Maynard, and Buck Jones have grey eyes Merle Oberon has brown eyes and the Bogey-man Boris Karloff has the same hue Ginger Rogers has green eyes (and that's not the only thing) whereas Richard Cromwell has a grey blue iris.

It has been found that the pupillary reactions to light is absent in infants two hours old and very sluggish in infants under twenty hours. In infants over twenty-eight hours old a strong reaction takes place.

One of the exhibits at the New York World's Fair of 1939 will be a "human eye" built on such a large scale that groups of visitors may enter it and study the complexities of the eye. (They'll probably use the Anterior Chamber for a swimming pool).

The following definition of Optometry was authored by Dr. Ernest Kiekenapp of Faribault, Minn., and it became number one in a contest held by the "Optometric Weekly" back in the middle of 1936:—

"Optometry: The examination of the eyes, the analysis of their functions and the employment of preventative or corrective measures to assure maximum vision and comfort."

In my opinion the above definition of Optometry is a great improvement over those sponsored by our State and Optometric organizations. At least it doesn't repeat "Optometry" in the *definition of Optometry*.

In closing we'd like to inform you of the fact that you are not reading a magazine. The postal authorities consider matter under 24 pages as merely printed matter O! Well it's time to say — *Eye'll be seeing you.*

SENIOR SLANTS

by Fernand Fortin '38

Now that Christmas, the New Year and awful hangovers are finished we return to the fray with blood in our eyes and plenty of fog. . . Speaking of fog we understand that Wentzell's breakfast consists of one glass of water — since when does water come in cans?

Well, here goes — Late congratulations to the sweetheart of the senior class — Cerruti on his Easter wedding during freshman year.

Mazzucco has written a complaint to the A. O. that the straps on the mountings are continually breaking off — or maybe its the Popeye spinach he eats.

Thought there was something fishy about those F - L cards — guess Cerruti's collecting was not "mal a propos".

Maybe Al Roy can explain why Marion Donovan doesn't want her name mentioned in these articles — quite a party, eh Marion — fuses blowing out and such.

Eddie "Jig" Mazzucco has been on another spending spree — 10 cent diamond rings for all the girls — but not for Peggy "Plymouth Normal"; a 25 cent one for her!

Special notice — Since our 'sprint star', Mr. Alie, has decided he does not like the name "Scooter", the board of birthrights deem it so. — Gee!

Look closely now — don't you think Kinsley really should wear a girdle?

Christmas presents in evidence — what with Chevalier's latest acquisition for attracting the bovine population of the hub — or is it a shirt?

M. Harris says, "If Javal's rule becomes too complicated, merely apply a smart blow to the cranium, season well and let bake for 10 minutes" — and so the axis changes to 90 degrees.

The Senior "trek" continues with massive proportions — 10 o'clock classes on the Com-

mon any day now.

Flash — Czelusniak's girl proposed to him over the holidays — and even came thru with the ring.

After receipt of film portraits — the Boston Police Department is sending a finger-print expert to make classifications and to distribute numbers. (And I don't mean Social Security numbers).

Who is the greatest theorist of the day? — Einstein? — Sheard? — or Askowith?

Place left hand on hip and bend elbow forward — now read. Boys you should see the adorable bed slippers Dexter's girl knitted for him — I simply went crazy over them — Wu - Wu!

"Duke Elder's importance to Optometry Students" — by Charles Donahue:

(1) With proper decorations, a wonderful footstool.

(2) Invaluable to the botanist for pressing flowers.

(3) Why a high chair with "Duke Elder" in the house?

(4) As anchor or ballast it is indispensable.

(5) Indescribably perfect as a door stop on windy days.

(6) Wonderful silencer for that cat on the back fence.

(7) What has Sears Roebuck got that "Duke Elder" hasn't?

Gibbons signs his Christmas cards "Virginia and Lee" — does he also split the cost?

Cerruti's attempts at positive manhood have been thwarted by the fact that the growth on his upper lip is still under the influence of a communistic instinct. — Get it? — Red.

Wiskalis likes to chew gum but not especially the kind that Shannon gave him a fortnight ago.

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PI OMICRON SIGMA

by Don Harley '38

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ED CIRRUTI

Sergeant-at-Arms

AL WISKALIS

Π Ο Σ

Pi Omicron Sigma Fraternity hereby wishes publicly to declare itself as being the oldest optometric fraternity in the country. Pi Omicron Sigma was founded in 1913 at the Massachusetts School of Optometry by the members of the student body who realized the necessity of having extra-academic interests incorporated into their college activities.

The difficulties of having a well organized fraternity in its initial years of institution can be realized when the relatively short course then presented at the school necessitated the frequent changing of officers and active members. Regardless of these obstacles, however, the fraternity spirit was kept alive and has grown steadily until at the present time Pi Omicron Sigma has the largest membership in its history.

Realizing the fact that Pi Omicron Sigma is the only optometric fraternity in New England as well as the oldest in the country, it has become an annual affair for other optometric fraternities to attempt to have Pi Omicron Sigma join in their ranks of national fraternalism. Each year in turn, Pi Omicron Sigma has declined the offer of national embodiment, seeing no advantage in becoming affiliated with the organization spoken of.

In recent months, one of these fraternities has frequently announced to the professional world, through the medium of the numerous optometric editorials, its claim of being the oldest optometric fraternity in existence.

Pi Omicron Sigma therefore recently contacted this fraternity namely Omega Delta, pertaining to its year of organization and received the answer that it was installed in 1917 — four years following our own organization. When reminded of this fact however, Omega Delta did not respond nor offer public apologies of any type.

However, should the fraternity in question doubt our word, or wish proof of our claims, we shall gladly render all the necessary papers proving our statement and be more than glad to end this misunderstanding.

Plans are now being formed for a 25th anniversary fraternity banquet to take place in the spring. This banquet will be given over to the "old timers" and notifications sent out to all fraternity members so that a grand reunion may take place.

Wednesday night, January 12th, Pi Omicron Sigma held its monthly banquet at Lena's on Massachusetts Avenue. The food was excellent and was enjoyed by all. Guest of honor for the evening was Dr. Spritz, member of M. S. O. faculty and teacher of physiology and affiliated subjects. This was Dr. Spritz's first direct contact with Pi Omicron Sigma and each seemed to enjoy the other's company to the utmost.

The entertainment committee is now making plans for a Valentine Party. Notices will be posted soon as to the place and tariffs imposed.

JUNIOR JOTS

by Arthur F. March, Jr. '39

This issue of the "Scope" marks the half-way point in our student life at M.S.O., and the battle, if not yet won, is at least beginning to lean our way. The old bag of tricks is beginning to fill up, so that it becomes increasingly easy to reach in and pull out something, and increasingly difficult to pull out the right thing at the right time, even with the aid of that invaluable cohort, the little black book.

And speaking of that book, why doesn't some brilliant graduate student publish his under the title of "The Optometrist's Gold Mine" or "Refracting Made Easy"? Ought to be a big sale for it among the not so ambitious. Tsk, Tsk, another million dollar idea gone up in smoke.

Wanted, a Compass — and several shot-guns. The January issue of a magazine published in Chicago contained no less than three almost identical advertisements of the following nature: "Fit your own eyeglasses. Send only \$.20 for fourteen trial lenses for testing your eyes at home. Get more comfort — latest styles — corrected vision. We handle only high grade toric single vision and toric Kryptok bifocal lenses. Prices \$3.85 and up. Others as low as \$1.98."

Perhaps the next logical step would be something like this: "Take out your own appendix at home. Send only \$.20 for twelve assorted knives. Satisfaction guaranteed or money back. Write now for free literature on what to do in case of peritonitis."

And if Barnum was right there would probably be people who'd try it. Anyway it's pretty poor publicity for us and it would seem to call for some sort of action.

Just look what we're in for. An optometric acquaintance was telling of the trouble found in making some patients understand what is wanted of them and

cited the following example to prove his point. The patient's attention was called to the Robinson-Cohen Astigmatic Dial, which is nothing more nor less than a pair of cross lines, and was asked which of the lines appeared darker. The enlightening answer received by the optometrist was, "The one in the middle".

It seems that Junior B is the proud (?) possessor of two (no less) embryonic inventors who are destined to make optometric history. The first of these is Les Wright who, at the present time, is hard at work developing the Wright Hangback Superimeter. It seems that Les is quite a skier (you know, ski enthusiast) and the story goes that it was during the hectic moment of combining a beautiful Christie with a half-hidden rock that he conceived the brilliant principles of his new instrument. We are not at liberty here to divulge all the secrets of this revolutionary perimeter, but one of its many improvements is the substituting of a small screen in place of the fixation target, upon which is projected one of the current motion pictures. It will be readily seen that fixation, under these circumstances, is much more positive and active, to say nothing of keeping the patient amused and interested. Without wishing to cast any reflections on the instrument we might ask if there is not a possibility of the patient refusing to be torn away from the instrument before the three-hour show was over. However this is a mere detail and there can be no doubt that the great Wright mind will have no difficulty in overcoming such trivial matters. Another advantage of this motion picture idea is the fact that the patient can readily be put in the mood for taking color fields by flashing a technicolor picture on the screen. Ah me! Such improvements in our modern times! And before leaving

the great Hangbaek Superimeter may we call your attention to one more salient feature, namely the fact that the target is no longer moved by hand, oh my no, but is controlled in a fashion similar to the new electric trains, that is, voice control. This makes it possible for the examiner to sit over in the opposite corner of the room in an easy chair, and direct the movements of the target merely by speaking to it. From this point on the Superimeter becomes so complex and technical that it surpasses our meager powers of comprehension, much less description. For further details consult your daily newspaper,—for the story concerning the confinement of one Leslie Wright to the booby hatch.

The second innovation to optometric technique, contributed by Calvin Wood, is an instrument which will undoubtedly fill a long-felt need among optometrists. We have no authentic information as to just how Cal stumbled (tripped might be a better word) on this magnifieent idea. However, according to Cal's own explanation, he is one of those people who, when feeling a sudden urge to work, promptly lies down until the feeling passes off. Thus it is quite in keeping with his inherent proclivities that Calvin should have developed an instrument whose prime purpose is the complete relaxation of the ciliary muscle. Just how this long sought-for end is attained cannot be publicly explained at the present time as there is some danger of infringing on patent rights which Professor Wood has undoubtedly taken out on his Photophlashoscope, as he has so suitably named his brain-orphan. In reference to the value of this instrument in the optometric field it may be stated that there is required considerable education of the public before the instrument can be put to practical use for the benefit of man-kind. However, those students who are interested in the details of the device, and who are willing to sacrifice their all for the advancement of Science, may apply to Calvin A.

Wood, B. S., for a personal demonstration.

What a life! Dr. Green comes in and talks about prism base in, Dr. Cline talks about them base out, then Dr. Namias comes in and crosses them at all angles,—and we're supposed to be able to figure it out.

By the time this issue is published we ought to be right in the middle of those mid-terms, so — best of luck from your wandering (mentally) reporter.

SENIOR SLANTS

(continued from page ten)

Doc Namias is still in a daze in regards to Casson's new theory for finding oblique prisms combined with oblique cylinders.

Horley and his latest feminine acquisition "trucked on down" to 52nd Street and Times Square the week end of the 8th—so that's why he made all those touches!

"Hank" Weathers is to spend the weekend after Exams in Peterboro, N. H. with, of course, the girl friend — Who wants to be chaperone?

If you think Weather's cooking has gone to "those Dexter boy's" heads you're crazy — I've eaten there.

You can talk about your weaker sex all you want to but don't include Baby Gaurino — Wentzell hasn't been the same since — Invite us over some time Marion!

'Bout time we had another dance don't you think — and so with these parting words I lay my weary head on thy pillow — Nighty Night!

The End

Sir John Fielding, the blind justice of England, knew 3000 criminals by their voices:

FROSH FACTS

by Herbert S. Greenblatt '41

One of the high spots of the current term was reached when in reply to Dr. Harris' request for a drawing of the yeast cell (cf. 'Scott', pg. 31) Killillea passed in a drawing of a Fleishman's yeast cake.

Mid-year examinations are looming high on the scholastic horizon and if fallen freshman faces are any indication of complete cerebral confusion—watchout!

Did Carlson tell you of the optometrist who continually made a spectacle of himself?

The Squash tournament at the "Y" came to a close with Senna, Ward and Greenblatt finishing first, second and third respectively. Senna, by the way, was voted the 9th best schoolboy athlete in Massachusetts during 1937. Freshman B is a constant victor over A in the current volleyball rivalry with Oldach, Stillman, Mayer, Fritz, Beckwith and others aimlessly pounding the ball about the court.

Poor "Uncle Tom" Snyder. That distinguished southern gentleman who hails from Georgia is so befuddled that he does not actually know if he's here, there or anywhere. In fact one day he became so befuddled that he offered to engage anyone in Fresh. B in mortal combat. Shades of R. E. Lee!

A. Sklar is offering for sale—1 antiquated razor and 14,203 slightly rusty blades. Sklar says that he has finally solved the problem of what to do with old razor blades—he uses them!

Stillman wants to know (really) if the angle of depression is just around the corner.

* * * * *

The time: 7:30 A. M., Monday, January 3, 1938.

The place: Home of "Buck Rogers" Rogolsky.

Rogolsky: *!*, **!! &**!!.

The above scene gives a pretty good idea

of how the average freshman felt on the first school day of the new year. We say average because we don't mean Gilder who, we are sure, was too, too eager to return.

Much has already been said and probably will continue to be said concerning the subject of class dues. The fact remains that they must be paid so see your local representative. (from the picture of the same name).

More Frosh Sayings

Wait a minute—

Make believe you've got a—

Will it be alright if I pass it in tomorrow?—

Shaddup!—

Definition—"Infinity is something that if you take the tangent curve and go around in back of it,—there it is."

* * * * *

On Monday, January 10, Dr. Brucker ran through the derivation of simple harmonic motion formulae. The last we heard, the students were running after Dr. Brucker. The "Scope" interviews the only man in the class who understands simple harmonic motion.

SCOPE: "Explain acceleration in simple harmonic motion, Goldberg."

GOLDBERG: "Huh?"

—See you next month at the same time!

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EYE-PHORISMS

by Maury Ossen '38

"Beauty is the wealth of the eyes." — 1

"Were not the eye made to receive the rays of the sun, it could not behold the sun; if the peculiar power of God lay not in us, how could the Godlike charm us." — 2

"Nature and books belong to the eyes that see them." — 3

"The pen is the tongue of the hand; a silent utterer of words for the eye." — 4

"A lover's eyes will gaze an eagle blind." — 5

"For brilliancy, no gem compares with the eyes of a beautiful woman." — 6

"The eyes of the master will do more work than both his hands." — 7

"The eyes are the windows of a woman's heart; you may enter that way." — 8

"The balls of sight are so formed that one man's eyes are spectacles to another to read his heart with." — 9

The eye is the window of the soul, — the mouth, the door. The intellect, the will, are seen in the eye; the emotions, sensibilities, and affections, in the mouth. The animals look for man's intentions right into his eyes. Even a rat, when you hunt him and bring him to bay, looks you in the eye." — 10

(1) T. Parker (2) Goethe (3) Emerson
(4) Beecher (5) Shakespeare (6) Dr. J. V.
C. Smith (7) Franklin (8) Eugene Sue (9)
Johnson (10) Hiram Powers.

OPTOMETRY IN ENGLAND

(continued from page three)

thirty years ago at his private College of Optometry — the British Optical Institute in South London.

The two chief qualifications in this country are the F.B.O.A. and F.S.M.C., and it is possible to obtain an Honours diploma by a further year's study and another examination in each case. The latter diplomas are approximately equivalent to an English B. S. Training schools for these courses vary in type just as they do in the United States of America. Some are private, like the British Optical Institute and some are incorporated in polytechnic schools, and in three or four instances these in turn are incorporated in a University.

To conclude my article this month I would send my best wishes to the entire undergraduate body of the Massachusetts School of Optometry, as well as to its faculty and administration.

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